Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
Data File : BF089894.D
Acq On : 25 Aug 2016 1:33
Operator : UM/SJ
Sample : H4576-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MS

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8/25/2016 6:49:57 PM

Quant Time: Aug 25 15:42:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	438548	20.00	ng		-0.01
21) Naphthalene-d8	7.95	136	1754149	20.00	ng		-0.02
38) Acenaphthene-d10	9.71	164	838257	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	1554246	20.00	ng		0.00
75) Chrysene-d12	13.86	240	1174744	20.00	ng		-0.01
86) Perylene-d12	15.37	264	999263	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	3578713	139.94	ng		0.00
7) Phenol-d6	6.32	99	4304484	137.12	ng		0.00
23) Nitrobenzene-d5	7.24	82	2707220	95.88	ng		-0.01
41) 2,4,6-Tribromophenol	10.50	330	1048052	131.56	ng		0.00
44) 2-Fluorobiphenyl	9.04	172	3612684	75.75	ng		-0.01
78) Terphenyl-d14	12.78	244	3158520	60.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	488999	38.64	ng		96
3) Pyridine	2.82	79	1404826	42.32	ng		93
4) n-Nitrosodimethylamine	2.79	42	583203	47.19	ng	#	85
6) Aniline	6.33	93	1299096	30.85	ng	#	1
8) 2-Chlorophenol	6.46	128	1487507	48.64	ng		81
9) Benzaldehyde	6.20	77	317041	15.50	ng		88
10) Phenol	6.33	94	2030925	55.20	ng		93
11) bis(2-Chloroethyl)ether	6.41	93	1193927	41.85	ng		96
12) 1,3-Dichlorobenzene	6.60	146	1342728	42.00	ng		100
13) 1,4-Dichlorobenzene	6.68	146	1376226	41.88	ng		99
14) 1,2-Dichlorobenzene	6.84	146	1419553	46.27	ng		99
15) Benzyl Alcohol	6.82	79	1093217	52.51	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1489864	40.80	ng		93
17) 2-Methylphenol	6.94	107	1080210	45.10	ng		98
18) Hexachloroethane	7.19	117	534924	45.64	ng		94
19) n-Nitroso-di-n-propylamine	7.10	70	909560	45.30	ng		90
20) 3+4-Methylphenols	7.10	107	1460480	49.73	ng	#	55
22) Acetophenone	7.08	105	1616693	40.14	ng	#	89
24) Nitrobenzene	7.26	77	1267358	40.01	ng		99
25) Isophorone	7.50	82	2548669	44.75	ng		99
26) 2-Nitrophenol	7.58	139	797376	50.45	ng	#	89
27) 2,4-Dimethylphenol	7.62	122	1178700	41.38	ng		97
28) bis(2-Chloroethoxy)methane	7.72	93	1765448	50.11	ng		96
29) 2,4-Dichlorophenol	7.82	162	1100152	46.03	ng		94
30) 1,2,4-Trichlorobenzene	7.90	180	1120792	42.39	ng		99
31) Naphthalene	7.98	128	3406777	41.55	ng		98
32) Benzoic acid	7.70	122	166006	7.48	ng		99
33) 4-Chloroaniline	8.03	127	572108	16.10	ng		97
34) Hexachlorobutadiene	8.10	225	555848	40.15	ng		100
35) Caprolactam	8.40	113	359422m	49.38	ng		
36) 4-Chloro-3-methylphenol	8.52	107	1176856	45.46	ng		98
37) 2-Methylnaphthalene	8.67	142	2626169	49.51	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	834037	30.73	ng		98
40) Hexachlorocyclopentadiene	8.83	237	1029291	109.22	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	769407	45.05	ng		99
43) 2,4,5-Trichlorophenol	8.99	196	757848	44.62	ng		95
45) 1,1'-Biphenyl	9.14	154	2704253	41.69	ng		95
46) 2-Chloronaphthalene	9.15	162	2115689	41.26	ng		100
47) 2-Nitroaniline	9.26	65	741745	50.72	ng		85
48) Acenaphthylene	9.58	152	3566555	46.29	ng		100
49) Dimethylphthalate	9.45	163	4157829	70.44	ng		97
50) 2,6-Dinitrotoluene	9.51	165	698532	51.26	ng	#	79
51) Acenaphthene	9.75	154	2417747	47.41	ng		99
52) 3-Nitroaniline	9.67	138	550011	36.43	ng		89
53) 2,4-Dinitrophenol	9.77	184	236488	38.65	ng	#	76
54) Dibenzofuran	9.92	168	3234828	50.50	ng		92
55) 4-Nitrophenol	9.84	139	1131133	91.79	ng		98
56) 2,4-Dinitrotoluene	9.91	165	856631	48.45	ng		94
57) Fluorene	10.25	166	2295698	44.97	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	617937	49.99	ng		99
59) Diethylphthalate	10.15	149	2531333	42.22	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	942492	40.48	ng		94
61) 4-Nitroaniline	10.28	138	762411	53.86	ng		94
62) Azobenzene	10.41	77	2557359	45.37	ng		95
64) 4,6-Dinitro-2-methylphenol	10.31	198	321188	35.96	ng		85
65) n-Nitrosodiphenylamine	10.38	169	2228240	45.60	ng		98
66) 4-Bromophenyl-phenylether	10.74	248	687916	42.21	ng	#	83
67) Hexachlorobenzene	10.80	284	702803	37.81	ng	#	81
68) Atrazine	10.90	200	693553	46.34	ng		96
69) Pentachlorophenol	10.99	266	743294	70.54	ng		98
70) Phenanthrene	11.21	178	3232810	41.18	ng		96
71) Anthracene	11.26	178	3524170	44.16	ng		99
72) Carbazole	11.42	167	3058414	42.73	ng		98
73) Di-n-butylphthalate	11.77	149	4179875	46.68	ng		98
74) Fluoranthene	12.39	202	3169903	42.45	ng		93
76) Benzidine	12.52	184	1614322	42.46	ng		96
77) Pyrene	12.62	202	3181436	33.26	ng		96
79) Butylbenzylphthalate	13.28	149	1891542	43.78	ng		90
80) Benzo(a)anthracene	13.85	228	2931032	43.57	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	719016	32.60	ng	#	94
82) Chrysene	13.90	228	2600263	45.08	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	2513498	42.23	ng		98
84) Di-n-octyl phthalate	14.57	149	4240235	53.62	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.66	276	2426649	32.98	ng		99
87) Benzo(b)fluoranthene	14.98	252	2534177	46.10	ng		97
88) Benzo(k)fluoranthene	15.02	252	2439515m	48.91	ng		
89) Benzo(a)pyrene	15.31	252	2224258	42.75	ng		98
90) Dibenzo(a,h)anthracene	16.69	278	2040841	36.14	ng		97
91) Benzo(g,h,i)perylene	17.05	276	2042185	34.34	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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